

Light, Waves and Interference: Tools for the Quest for Extrasolar Planets

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Taking the Measure of the Universe

An educational poster, aimed at science and math students in middle school and higher.

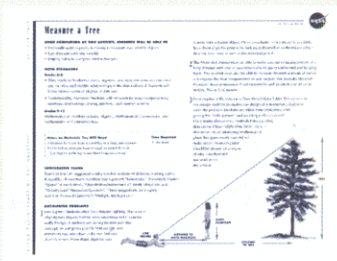
Engaging Images



Student Panel



Teacher Panel



Overview

Are there habitable planets around other stars than the Sun? This is one of the fundamental questions NASA's Origins program aims to answer. At the threshold of the new millennium optical and infrared interferometry, a technique to combine light from separate telescopes as if they were pieces of one much larger telescope, promises to bring within reach a scientific answer to this question.

Simply posing such an intriguing question, let alone considering the impact a scientific answer might have, generally captures the imagination of students instantly. But how can we build on this excitement to create new learning opportunities and to enrich current curricula in the sciences, math and other subjects?

We present two examples of our recent products aimed at middle school and high school students.

More Info

Origins Program:
<http://origins.jpl.nasa.gov>

NASA Educational Products:
<http://spacelink.nasa.gov>

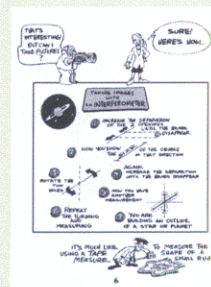
The Origins Explorers

Cartoon figures explain complex concepts in a non-technical way. The goal was to create likeable characters without enforcing potential gender stereotypes.



Likeable Characters

Interactive Story Lines



Intuitive Explanations

All products are available at the booth of the Space Interferometry Mission.

reduced scale review copy
previously released JPL products

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